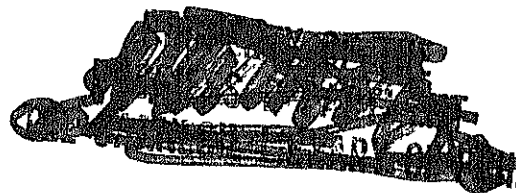


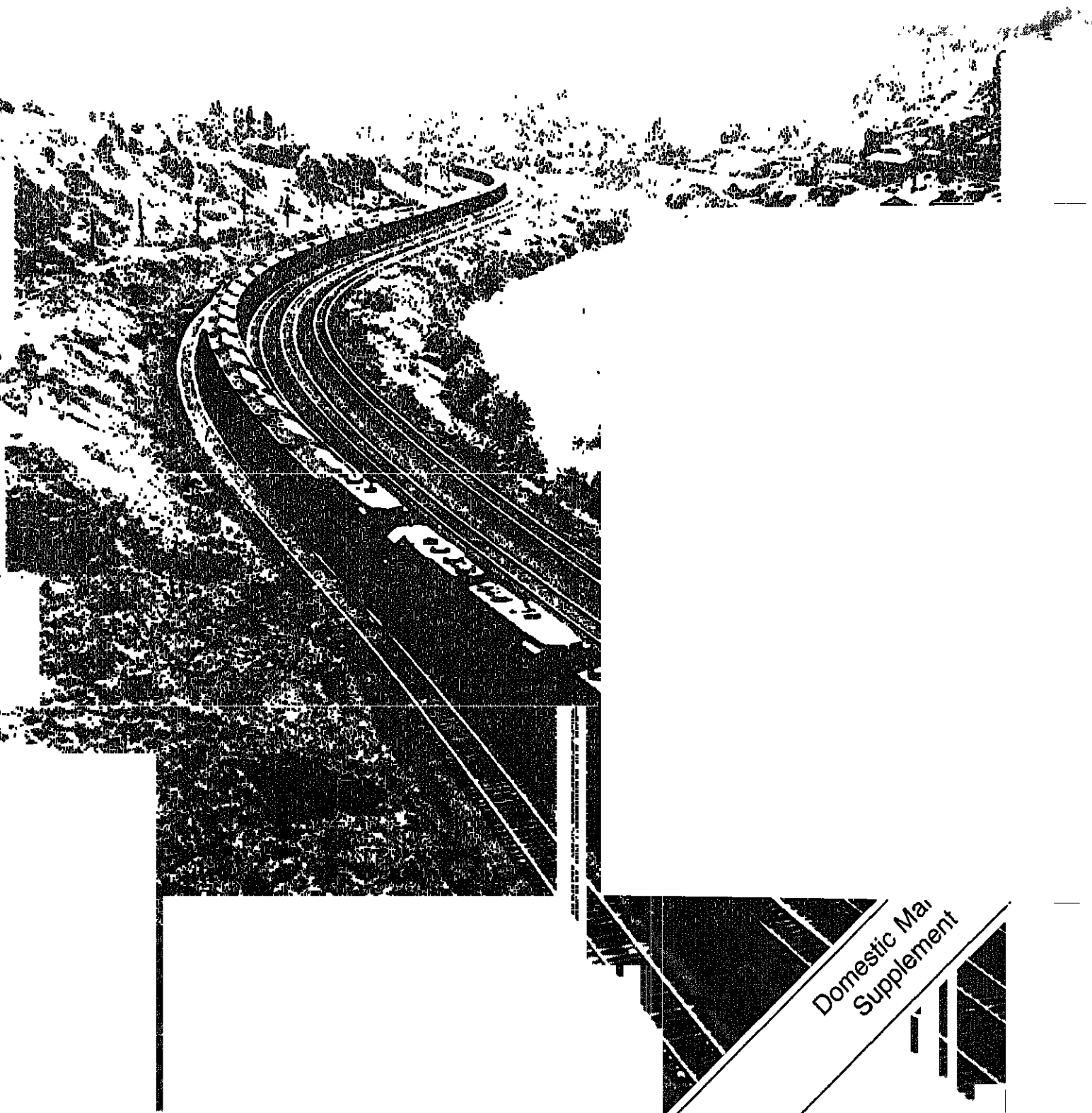
Weekly Coal Production



Energy
Information
Administration

Production for Week Ended:
September 29, 1990

OCT 12 1990



Domestic Mail
Supplement

Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Coal Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary level, monthly data for all coal consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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Summary

U.S. coal production in the week ended September 29, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons, slightly lower than the previous week and about the same as in the comparable week in 1989. Production East of the Mississippi River totaled 13 million short tons, and production West of the Mississippi River totaled 8 million short tons.

Coal consumption at electric utility plants in July 1990 totaled 71 million short tons, 2 percent higher than in July 1989. Total coal consumption at electric utility plants for the first 7 months of 1990 was 438 million short tons, slightly less than in the comparable period in 1989. The largest regional changes occurred in the South Atlantic Census Division, where consumption dropped 6 million short tons, and the East North Central Census Division, where consumption rose 4 million short tons.

In the South Atlantic Census Division, electric utility coal consumption was down because the demand for electricity was lower, and because nuclear-powered and hydroelectric generation were substituted for coal-fired and natural gas-fired generation. In the East North Central Census Division, electric utility coal consumption was up because coal-fired generation was used to meet the higher electricity demand.

Electric utility coal stocks were 15 percent more than a year ago, with stocks on July 31, 1990, at 155 million short tons, compared with 135 million short tons on July 31, 1989. Electric utilities drew down coal stocks by 8 million short tons during July 1990.

Coal receipts at electric utility plants in June 1990 were 64 million short tons, 4 percent higher than a year earlier. Total coal receipts at electric utilities for the first 6 months of 1990 totaled 390 million short tons, 5 percent more than in the comparable period in 1989, reflecting the build-up of coal stocks at electric utilities.

Figure 1. Coal Production

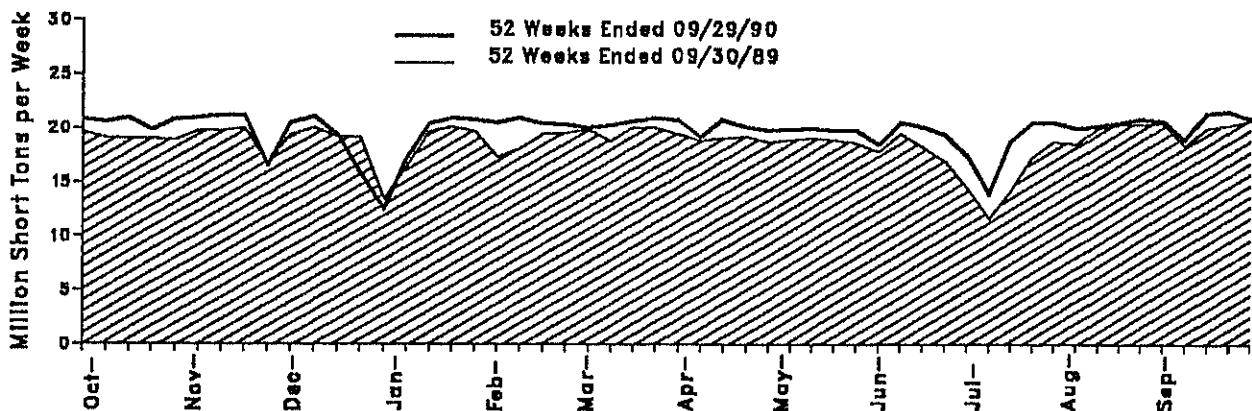


Table 1. Coal Production

Production and Carloadings	Week Ended			52 Weeks Ended		
	09/29/90	09/22/90	09/30/89	09/29/90	09/30/89	Percent Change
Production (Thousand Short Tons)						
Bituminous ¹ and Lignite	20,878	21,517	20,707	1,026,970	968,532	6 0
Pennsylvania Anthracite	84	85	75	3,405	3,455	-1 5
U.S. Total	20,962	21,601	20,782	1,030,375	971,987	6 0
Railroad Cars Loaded	134,716	138,780	135,130	6,643,534	6,363,874	

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A, Energy Information Administration, Form EIA-6, "Coal Distribution Report", Form EIA-7A, "Coal Production Report", and State mining agency coal production reports.

Table 2. Coal Production by State
(Thousand Short Tons)

Region and State	Week Ended		
	09/29/90	09/22/90	09/30/89
Bituminous Coal¹ and Lignite			
East of the Mississippi	12,775	12,920	12,716
Alabama	545	584	549
Illinois	1,097	1,057	1,210
Indiana	777	855	707
Kentucky	3,352	3,353	3,613
Kentucky, Eastern	2,537	2,495	2,591
Kentucky, Western	815	858	1,022
Maryland	61	60	55
Ohio	744	738	710
Pennsylvania Bituminous	1,805	1,680	1,605
Tennessee	145	146	133
Virginia	1,015	1,019	1,060
West Virginia	3,433	3,426	3,074
West of the Mississippi	8,103	8,597	7,991
Alaska	29	30	28
Arizona	255	262	276
Arkansas	3	3	2
Colorado	377	428	350
Iowa	8	8	8
Kansas	23	24	30
Louisiana	83	83	84
Missouri	63	64	63
Montana	714	759	768
New Mexico	619	606	513
North Dakota	588	626	612
Oklahoma	36	37	39
Texas	1,275	1,314	1,265
Utah	426	472	429
Washington	102	105	94
Wyoming	3,504	3,776	3,431
Bituminous¹ and Lignite Total	20,878	21,517	20,707
Pennsylvania Anthracite	84	85	75
U.S. Total	20,962	21,601	20,782

¹ Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A, Energy Information Administration, Form EIA-6, "Coal Distribution Report", Form EIA-7A, "Coal Production Report", and State mining agency coal production reports.

Table 3. Coal Statistics for Electric Utilities, 1981-1990

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh ¹	Percent Coal	
1981	579,374	86.9	153	1.43	596,797	1,203,203	52.4	169,893
1982	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986	686,964	87.5	158	1.32	685,056	1,365,831	55.7	161,806
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988								
January	58,626	85.7	147	1.32	67,850	137,845	57.9	163,581
February	56,871	86.7	149	1.27	61,401	126,267	58.2	160,424
March	59,021	88.8	149	1.27	58,758	120,034	58.1	162,603
April	56,136	87.9	150	1.24	54,135	109,135	55.7	165,750
May	57,920	87.9	150	1.25	56,529	115,195	55.3	166,328
June	59,337	87.1	146	1.25	65,343	132,268	56.8	161,215
July	58,989	86.9	146	1.21	71,749	144,301	56.0	148,234
August	68,696	86.4	145	1.24	75,253	152,377	56.9	141,389
September	63,103	85.2	145	1.27	61,540	124,410	56.5	142,830
October	63,574	86.3	146	1.29	59,561	121,339	57.6	147,130
November	62,015	84.3	146	1.28	59,305	121,054	57.8	150,016
December	63,487	82.6	142	1.27	66,948	136,427	58.6	146,507
Total	727,775	86.3	147	1.26	758,372	1,540,653	57.0	
1989								
January	62,443	82.6	143	1.28	66,619	134,968	58.1	142,403
February	56,634	82.9	145	1.29	62,613	127,194	57.9	137,354
March	63,218	83.4	144	1.28	61,906	126,706	55.9	138,949
April	62,076	82.2	144	1.27	55,929	115,271	55.5	144,596
May	64,796	84.0	145	1.30	58,359	118,956	54.1	150,870
June	61,272	83.9	145	1.26	63,623	128,454	54.6	148,968
July	55,429	83.2	144	1.22	69,705	138,467	53.9	134,659
August	70,147	82.9	145	1.29	70,471	141,710	54.9	133,932
September	64,539	81.1	146	1.27	62,889	126,730	55.9	135,620
October	66,578	80.7	145	1.29	60,541	122,212	55.7	142,270
November	65,570	80.7	144	1.28	60,896	124,154	56.7	147,131
December	60,515	81.9	143	1.27	72,267	147,030	56.8	135,894
Total	753,217	82.4	144	1.28	765,820	1,551,852	55.8	
1990								
January	67,637	82.7	145	1.30	66,060	132,496	55.9	138,358
February	62,280	82.1	146	1.30	58,003	115,898	54.5	143,413
March	67,518	83.1	145	1.31	60,816	122,958	54.5	150,808
April	63,888	82.9	147	1.30	57,661	117,111	55.6	156,318
May	64,958	83.1	148	1.30	59,042	119,644	53.8	163,233
June	63,604	82.4	146	1.29	65,167	132,459	53.2	162,745
July	NA	NA	NA	NA	71,020	144,232	54.2	154,979

¹ Gigawatt-hours

NA Not available

Note MM Btu represents million Btu

Sources Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."
Consumption, Stocks and Generation: Energy Information Administration (EIA), Form EIA-759, "Monthly Power Plant Report."

Table 4. Coal-Fired Net Generation, July 1990
(Gigawatthours)

Census Division and State	July 1990	July 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
New England	1,499	1,526	-1.8	8,970	9,833	-8.8	16.2	17.7
Connecticut	203	220	-7.8	1,423	1,067	33.4	7.4	5.5
Maine	-	-	-	-	-	-	-	-
Massachusetts	1,045	1,001	4.4	6,152	7,006	-12.2	27.2	32.1
New Hampshire	251	305	-17.5	1,395	1,760	-20.7	31.0	39.7
Rhode Island	-	-	NM	-	-	NM	-	-
Vermont	-	-	-	-	-	-	-	-
Middle Atlantic	11,655	11,447	1.8	78,685	79,007	-.4	40.5	43.0
New Jersey	770	766	5	4,192	5,076	-17.4	21.6	20.9
New York	2,146	2,123	1.1	14,433	14,513	-.6	19.1	19.4
Pennsylvania	8,739	8,557	2.1	60,060	59,418	1.1	60.4	70.0
East North Central	32,158	31,829	1.0	210,214	205,113	2.5	74.1	73.7
Illinois	4,713	4,639	1.6	31,751	27,654	14.8	43.6	37.7
Indiana	8,829	7,350	12.5	56,308	49,190	14.5	98.4	98.8
Michigan	5,844	6,087	-4.0	38,078	39,043	-2.5	69.3	74.5
Ohio	9,914	10,279	-3.5	65,705	71,119	-7.6	90.2	92.2
Wisconsin	2,857	2,974	-3.9	18,373	18,107	1.5	71.2	70.9
West North Central	14,919	15,258	-2.2	93,216	92,225	1.1	75.0	75.1
Iowa	2,312	2,310	1	14,153	14,430	-1.9	84.5	84.7
Kansas	2,201	2,299	-4.2	13,927	13,422	3.8	73.8	67.5
Minnesota	2,106	2,360	-10.7	14,700	14,405	2.1	64.7	65.5
Missouri	4,619	4,710	-1.9	26,448	28,500	-7.2	77.6	84.9
Nebraska	1,286	1,070	20.2	8,034	6,479	24.0	64.1	57.4
North Dakota	2,171	2,273	-4.5	14,603	13,624	7.2	92.8	91.9
South Dakota	224	237	-5.8	1,352	1,363	-.9	36.9	32.4
South Atlantic	30,834	28,335	8.8	179,344	193,679	-7.4	58.6	62.3
Delaware	495	491	9	2,735	2,880	-5.0	64.1	59.5
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,607	5,598	2	33,889	33,780	3	48.5	48.6
Georgia	8,959	5,980	16.4	37,282	36,973	8	67.7	69.6
Maryland	2,215	2,027	9.3	13,689	13,818	-.9	76.8	61.7
North Carolina	4,448	4,149	7.2	24,601	29,302	-16.0	53.2	57.4
South Carolina	2,412	2,378	1.4	13,149	14,484	-9.2	32.8	37.6
Virginia	2,024	2,148	-5.8	10,614	14,963	-29.1	37.4	65.0
West Virginia	6,675	5,564	20.0	43,386	47,480	-8.6	98.9	99.0
East South Central	17,830	15,978	11.6	102,180	99,506	2.7	71.4	72.0
Alabama	5,378	4,945	8.8	28,458	29,640	-4.0	64.6	66.4
Kentucky	6,913	6,067	13.9	41,136	37,914	8.5	95.4	93.7
Mississippi	1,223	1,006	21.5	5,378	4,736	13.6	39.1	41.7
Tennessee	4,318	3,957	9.1	27,209	27,215	-	64.5	65.2
West South Central	17,616	16,981	3.7	101,525	102,638	-1.1	47.5	48.9
Arkansas	2,133	1,659	28.6	9,966	9,736	2.4	47.2	51.5
Louisiana	1,717	1,634	5.1	9,422	10,900	-13.6	28.9	35.7
Oklahoma	2,407	2,300	4.6	14,202	13,615	4.3	53.7	53.0
Texas	11,359	11,388	-.3	67,934	68,388	-.7	50.8	50.7
Mountain	16,980	16,207	4.8	106,814	103,258	3.4	76.9	77.2
Arizona	3,344	3,102	7.8	18,715	18,089	3.5	56.5	58.0
Colorado	2,616	2,728	-4.1	17,253	16,686	3.4	94.3	90.4
Idaho	-	-	-	-	-	-	-	-
Montana	965	1,398	-31.0	8,248	8,661	-4.8	56.0	63.2
Nevada	1,482	1,643	-9.8	7,887	9,348	-15.6	78.2	78.3
New Mexico	2,445	1,684	45.2	15,247	13,919	9.5	90.2	89.4
Utah	2,800	2,826	-.9	18,181	16,664	9.1	97.6	97.0
Wyoming	3,329	2,827	17.8	21,283	19,889	7.0	98.1	97.7
Pacific	741	908	-18.4	3,849	4,759	-19.1	2.3	2.9
California	-	-	-	-	-	-	-	-
Oregon	-1	-	NM	-13	440	NM	-	1.6
Washington	713	882	-19.1	3,674	4,142	-11.3	5.9	7.9
Alaska	29	26	10.3	189	177	6.3	7.3	7.0
Hawaii	-	-	-	-	-	-	-	-
	144,232	138,467	4.2	884,798	890,017	-.6	54.5	55.7

of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is
 gful as value is greater than 500.
 at electric power consumed for plant use exceeds gross generation. Totals may not equal sum of compo-
 sition, Form EIA-759, "Monthly Power Plant Report."

Table 5. Coal Consumption at Electric Utility Plants, July 1990
(Thousand Short Tons)

Census Division and State	July 1990	June 1990	July 1989	Year to Date		
				1990	1989	Percent Change
New England	560	344	578	3,418	3,701	-7.7
Connecticut	84	78	87	587	434	35.3
Massachusetts	380	241	375	2,289	2,602	-12.0
New Hampshire	96	25	116	542	866	-18.6
Rhode Island	*	*	*	*	*	-
Middle Atlantic	4,791	4,467	4,717	31,868	32,156	-0.9
New Jersey	295	275	303	1,616	1,964	-17.7
New York	879	788	866	5,824	5,822	*
Pennsylvania	3,617	3,404	3,548	24,429	24,370	2
East North Central	15,387	14,248	15,122	99,864	95,503	4.6
Illinois	2,428	2,377	2,325	16,140	13,798	17.0
Indiana	4,417	3,833	3,902	27,981	23,945	16.9
Michigan	2,661	2,558	2,739	17,353	17,166	1.1
Ohio	4,253	4,108	4,495	28,055	30,356	-7.6
Wisconsin	1,628	1,371	1,662	10,335	10,239	9
West North Central	9,387	8,283	9,602	58,789	57,549	2.2
Iowa	1,421	1,222	1,408	8,760	8,676	1.0
Kansas	1,374	1,307	1,437	8,808	8,856	1.8
Minnesota	1,376	1,262	1,543	9,156	8,982	1.9
Missouri	2,302	2,042	2,375	13,175	14,058	-6.3
Nebraska	805	683	685	5,076	4,089	24.1
North Dakota	1,875	1,559	1,934	12,528	11,774	6.4
South Dakota	214	208	222	1,287	1,313	-2.0
South Atlantic	12,352	11,545	11,522	71,099	77,191	-7.9
Delaware	206	178	209	1,142	1,203	-5.1
Florida	2,297	2,113	2,327	13,708	13,783	-5
Georgia	2,829	2,604	2,462	15,109	15,193	-6
Maryland	850	808	778	5,260	5,274	-3
North Carolina	1,745	1,721	1,643	9,487	11,268	-15.8
South Carolina	971	912	951	5,251	5,740	-8.5
Virginia	814	677	870	4,162	5,975	-30.3
West Virginia	2,640	2,532	2,283	16,980	18,755	-9.5
East South Central	7,564	7,141	6,842	43,258	41,885	3.3
Alabama	2,209	2,186	2,065	11,795	12,088	-2.4
Kentucky	3,064	2,842	2,703	17,993	16,573	8.6
Mississippi	499	451	415	2,200	1,953	12.6
Tennessee	1,792	1,663	1,659	11,270	11,271	*
West South Central	11,579	11,290	11,701	69,487	71,510	-2.8
Arkansas	1,293	1,153	1,021	6,169	5,932	4.0
Louisiana	1,137	919	1,068	6,270	7,161	-12.4
Oklahoma	1,403	1,335	1,365	8,366	8,149	2.7
Texas	7,747	7,883	8,247	48,681	50,268	-3.2
Mountain	8,931	7,747	9,037	57,193	56,099	2.0
Arizona	1,658	1,595	1,553	9,346	9,014	3.7
Colorado	1,403	1,356	1,446	9,241	8,916	3.6
Montana	619	548	873	5,207	5,516	-5.6
Nevada	657	444	791	3,825	4,565	-16.2
New Mexico	1,387	1,289	1,465	8,869	8,655	2.5
Utah	1,198	1,090	1,199	7,789	7,249	7.5
Wyoming	2,011	1,425	1,709	12,916	12,183	6.0
Pacific	488	102	583	2,592	3,161	-18.0
Oregon	*	*	*	*	306	-100.0
Washington	462	81	561	2,425	2,691	-9.9
Alaska	25	21	22	167	164	1.4
U.S. Total	71,020	65,167	69,705	437,568	438,754	-.3

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 6. Coal Stocks at Electric Utility Plants, July 1990
(Thousand Short Tons)

Census Division and State	July 31, 1990	June 30, 1990	July 31, 1989	Percent Change July 31: 1990 versus 1989
New England	1,473	1,558	1,201	22.7
Connecticut	213	187	152	39.9
Massachusetts	849	931	848	1
New Hampshire	383	412	172	122.4
Rhode Island	28	28	28	^
Middle Atlantic	15,738	16,285	12,946	21.6
New Jersey	782	1,001	506	54.4
New York	1,872	1,816	1,233	35.6
Pennsylvania	13,284	13,468	11,207	18.5
East North Central	36,730	37,777	33,219	10.6
Illinois	7,423	7,862	9,431	-21.3
Indiana	9,320	9,782	7,850	21.8
Michigan	7,191	7,094	6,912	4.0
Ohio	8,926	8,979	5,038	77.2
Wisconsin	3,870	4,080	4,188	-7.6
West North Central	20,023	20,928	19,640	1.9
Iowa	4,024	4,142	3,937	2.2
Kansas	3,536	3,576	3,632	-2.6
Minnesota	2,243	2,476	1,962	14.4
Missouri	5,097	5,522	4,425	15.2
Nebraska	1,618	1,611	1,744	-7.2
North Dakota	3,221	3,321	3,666	-12.1
South Dakota	284	280	275	3.4
South Atlantic	27,264	29,288	19,842	37.5
Delaware	399	440	327	22.0
Florida	5,152	5,431	5,100	1.0
Georgia	6,131	6,484	4,734	29.5
Maryland	1,592	1,705	1,304	22.1
North Carolina	4,490	4,895	2,559	75.4
South Carolina	1,930	2,088	1,244	55.2
Virginia	1,536	1,713	977	57.2
West Virginia	6,054	6,552	3,597	68.3
East South Central	16,347	17,839	12,921	26.5
Alabama	4,680	5,198	4,181	11.5
Kentucky	6,815	7,375	4,278	59.4
Mississippi	882	1,075	959	-8.1
Tennessee	3,991	4,192	3,505	13.9
West South Central	17,683	18,391	16,670	6.1
Arkansas	2,045	2,264	2,484	-17.7
Louisiana	2,362	2,557	2,367	-.2
Oklahoma	3,138	3,371	2,987	5.1
Texas	10,137	10,199	8,832	14.8
Mountain	17,351	18,415	16,553	4.8
Arizona	2,926	3,890	3,683	-20.5
Colorado	3,834	3,864	4,120	-11.8
Montana	847	870	787	7.6
Nevada	1,458	1,359	1,027	41.9
New Mexico	1,345	1,377	1,151	16.9
Utah	3,521	3,739	2,789	26.2
Wyoming	3,620	3,515	2,996	20.8
Pacific	2,350	2,265	1,867	25.9
Oregon	581	480	480	21.1
Washington	1,768	1,781	1,384	27.6
Alaska	2	4	3	-14.3
U.S. Total	154,979	162,745	134,859	14.9

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 7. Coal Receipts at Electric Utility Plants, June 1990
(Thousand Short Tons)

Census Division and State	June 1990	May 1990	June 1989	Year to Date		
				1990	1989	Percent Change
New England ...	518	600	627	3,380	3,173	6.5
Connecticut ..	87	120	68	547	364	50.3
Massachusetts	334	413	487	2,202	2,350	-6.3
New Hampshire .	97	67	72	631	459	37.6
Middle Atlantic	4,618	5,058	4,137	30,359	28,065	8.2
New Jersey	291	193	278	1,678	1,765	-4.9
New York	864	975	862	5,425	4,994	8.6
Pennsylvania	3,463	3,890	2,997	23,258	21,307	9.1
East North Central	14,387	14,805	12,596	84,638	76,549	10.6
Illinois	2,134	2,439	1,990	13,325	12,362	7.8
Indiana ..	3,877	4,096	2,655	24,707	18,788	31.5
Michigan	2,957	2,672	2,580	12,051	11,678	3.2
Ohio	4,060	3,838	3,759	25,905	24,947	3.8
Wisconsin	1,359	1,759	1,622	8,650	8,775	-1.4
West North Central	7,868	8,353	8,664	51,702	49,780	3.9
Iowa	1,245	1,408	1,303	7,522	6,859	9.7
Kansas	1,210	1,100	1,441	7,960	7,716	3.2
Minnesota	1,229	1,298	1,352	8,497	7,427	14.4
Missouri	1,713	2,054	1,964	12,065	12,490	-3.4
Nebraska	704	585	646	4,221	3,574	18.1
North Dakota	1,582	1,726	1,791	10,500	10,737	-2.2
South Dakota	183	182	167	938	977	-4.0
South Atlantic	10,739	10,972	10,560	67,421	64,617	4.3
Delaware	151	190	113	1,116	1,007	10.8
Florida	2,181	2,158	2,199	12,501	12,080	3.5
Georgia ..	2,358	2,394	2,221	13,504	12,682	6.5
Maryland	818	778	698	5,098	4,298	18.6
North Carolina	1,393	1,434	1,492	9,840	8,950	9.9
South Carolina ..	856	810	918	4,518	4,652	-2.9
Virginia	520	537	808	3,699	5,139	-28.0
West Virginia ..	2,464	2,672	2,112	17,146	15,810	8.5
East South Central	7,105	7,367	5,817	42,498	37,911	12.1
Alabama	1,874	1,892	1,454	11,049	10,769	2.6
Kentucky	3,002	3,246	2,363	18,649	15,511	20.2
Mississippi	396	449	320	2,034	1,766	15.2
Tennessee	1,834	1,781	1,680	10,783	9,865	9.1
West South Central	10,365	9,660	10,517	58,053	59,911	-3.1
Arkansas	923	908	993	4,988	5,423	-8.0
Louisiana ..	945	1,011	1,045	5,067	5,673	-10.7
Oklahoma	937	1,064	1,118	7,306	7,173	1.9
Texas	7,560	6,677	7,362	40,693	41,643	-2.3
Mountain	7,570	7,719	7,908	49,107	47,567	3.2
Arizona	1,268	1,117	1,527	7,763	7,330	5.9
Colorado	1,334	1,272	1,205	7,706	7,895	-2.4
Montana	583	570	644	4,666	4,615	1.1
Nevada	425	437	619	3,508	3,535	-.8
New Mexico	1,278	1,419	1,329	7,465	7,072	5.6
Utah	945	1,283	1,161	7,085	6,400	10.7
Wyoming	1,738	1,621	1,423	10,914	10,720	1.8
Pacific	435	424	445	2,730	2,865	-4.7
Washington	435	424	445	2,730	2,865	-4.7
U.S. Total	63,604	64,958	61,272	389,885	370,439	5.2

Note Total may not equal sum of components because of independent rounding

Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "

**Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,
June 1990**

Census Division and State	June 1990		June 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.91	179	0.93	165	0.95	179	0.96	166	-1.5	7.6
Connecticut	42	205	37	221	41	210	38	219	8.7	-3.9
Massachusetts	98	171	94	156	97	171	93	158	5.3	8.2
New Hampshire	1.11	186	1.39	170	1.31	179	1.58	167	-17.3	7.5
Mid Atlantic	1.58	156	1.59	154	1.62	155	1.57	147	3.2	5.1
New Jersey	83	182	98	173	81	179	85	173	-5.5	3.4
New York	1.47	159	1.30	154	1.44	161	1.32	157	8.9	2.6
Pennsylvania	1.68	153	1.75	153	1.73	151	1.70	143	2.1	6.1
East North Central	1.59	153	1.61	155	1.68	153	1.71	155	-1.7	-1.0
Illinois	1.86	178	1.92	176	1.94	175	1.84	181	5.3	-3.2
Indiana	1.95	135	2.19	137	1.92	140	2.17	139	-11.5	1.2
Michigan	60	162	54	175	65	166	60	178	9.0	-7.1
Ohio	2.00	155	2.00	146	2.05	152	2.09	146	-1.9	4.2
Wisconsin	86	137	95	144	83	137	87	143	-4.5	-4.7
West North Central	1.18	116	1.20	118	1.11	116	1.17	116	-5.4	-1.1
Iowa	90	118	1.10	131	73	112	85	125	-14.6	-10.8
Kansas	67	124	.93	120	69	125	67	122	4.3	2.3
Minnesota	60	136	.65	129	58	134	64	129	-12.2	3.7
Missouri	2.16	136	1.98	138	1.99	138	2.07	133	-3.8	4.1
Nebraska	41	79	.42	85	42	77	42	88	.2	-12.5
North Dakota	1.30	71	1.15	71	1.22	69	1.10	69	11.8	-4
South Dakota	1.59	111	1.63	123	1.50	118	1.49	125	.7	-5.8
South Atlantic	1.26	168	1.21	164	1.24	168	1.20	164	3.4	2.7
Delaware	78	185	.80	181	73	183	80	179	-8.7	2.3
Florida	1.45	184	1.49	178	1.42	185	1.42	178	.5	4.4
Georgia	1.41	173	1.32	171	1.42	173	1.35	174	4.7	-4
Maryland	1.07	164	1.19	158	1.11	165	1.09	158	1.0	4.4
North Carolina	74	177	71	175	75	179	72	175	3.6	2.3
South Carolina	95	172	86	169	92	172	88	172	4.5	1
Virginia	74	147	72	151	75	158	71	152	6.2	4.0
West Virginia	1.57	147	1.54	138	1.50	146	1.48	140	1.7	4.3
East South Central	1.77	145	1.86	142	1.79	143	1.80	143	-.2	.3
Alabama	1.31	188	1.43	189	1.26	186	1.32	186	-4.8	-5
Kentucky	2.18	121	2.39	114	2.25	119	2.30	113	-2.3	5.2
Mississippi	1.41	163	1.10	159	1.36	164	1.19	172	13.8	-4.6
Tennessee	1.66	136	1.66	135	1.67	136	1.67	134	1	1.5
West South Central	.87	146	.80	148	.84	149	.80	148	4.9	.9
Arkansas	41	153	.36	158	41	170	.39	164	2.9	3.9
Louisiana	59	171	60	168	61	170	62	161	-1.9	5.6
Oklahoma	55	143	47	138	54	138	.49	135	11.2	2.5
Texas	1.02	142	96	145	1.00	146	95	146	4.7	-3
Mountain	.55	112	.55	117	.56	114	.54	112	2.1	1.6
Arizona	.46	148	.45	142	.46	147	.46	141	-1	4.4
Colorado	.38	105	.38	107	.39	108	.37	107	4.5	1.6
Montana	.71	68	.76	57	.73	66	.77	55	-5.3	20.5
Nevada	.48	148	.47	129	.47	155	.47	144	1.9	8.3
New Mexico	.85	126	.85	120	.88	131	.85	126	3.3	3.9
Utah	.43	110	.44	132	.44	113	.43	127	2.3	-10.8
Wyoming	60	82	.61	94	.60	84	.58	85	4.8	-6
Pacific	.95	163	.87	156	.87	160	.81	154	7.9	3.8
Washington	.95	163	.87	156	.87	160	.81	154	7.9	3.8
U.S. Total	1.29	146	1.26	145	1.30	146	1.28	144	1.5	1.3

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "

Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, June 1990

Census Division and State	June 1990		June 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.90	179	0.87	166	0.96	178	0.85	167	12.7	7.0
Connecticut .....	.42	205	.37	230	.41	211	.38	225	8.7	-6.2
Massachusetts .....	.99	169	.94	156	.99	168	.93	157	6.6	7.0
New Hampshire	1.11	186	-	-	1.38	178	-	-	-	-
Mid Atlantic	1.66	159	1.66	164	1.69	158	1.64	152	3.0	3.5
New Jersey .....	.77	178	.93	174	.79	178	.91	174	-12.4	2.3
New York	1.52	158	1.22	160	1.45	162	1.30	162	12.0	-1
Pennsylvania	1.77	158	1.85	164	1.83	155	1.78	148	2.7	4.3
East North Central	1.64	160	1.62	163	1.72	160	1.73	163	-.5	-1.6
Illinois	1.99	187	2.03	184	2.01	183	1.89	186	6.1	-1.6
Indiana	1.99	137	2.17	143	1.96	144	2.19	144	-10.7	.1
Michigan .....	.58	165	.54	178	.63	169	.60	182	5.0	-7.3
Ohio	2.19	170	2.13	160	2.15	166	2.23	162	-3.4	2.5
Wisconsin .....	.92	141	1.00	145	.89	143	.89	143	7	-6
West North Central	1.19	118	1.12	118	1.10	117	1.15	117	-4.7	.1
Iowa	1.11	138	.89	140	.77	121	.74	128	3.5	-5.4
Kansas .....	.43	123	.70	122	.45	125	.52	126	-12.7	-5
Minnesota .....	.58	137	.63	129	.54	135	.63	130	-14.4	4.4
Missouri	2.27	139	1.96	140	2.10	141	2.12	135	-1.0	4.5
Nebraska .....	.40	83	.43	86	.41	80	.43	90	-4.0	-11.5
North Dakota	1.30	71	1.15	71	1.22	69	1.10	70	11.6	-1.3
South Dakota	1.59	111	1.63	123	1.50	118	1.49	125	7	-5.8
South Atlantic	1.25	176	1.21	173	1.24	175	1.20	172	3.2	1.7
Delaware .....	.76	187	.81	184	.73	182	.78	181	-6.5	5
Florida	1.35	192	1.31	189	1.34	193	1.30	188	3.3	2.9
Georgia	1.45	181	1.41	178	1.44	179	1.42	181	1.7	-1.1
Maryland	1.06	164	1.27	164	1.11	167	1.13	162	-1.8	3.3
North Carolina .....	.75	183	.71	181	.75	183	.73	180	3.4	1.9
South Carolina .....	.94	180	.89	178	.93	177	.90	180	2.8	-1.6
Virginia .....	.81	158	.74	149	.76	157	.72	153	5.3	2.2
West Virginia	1.57	158	1.52	151	1.58	157	1.51	153	4.6	3.2
East South Central	1.86	153	1.84	154	1.88	151	1.81	156	4.0	-2.8
Alabama	1.16	204	1.15	211	1.09	203	1.24	198	-12.0	2.9
Kentucky	2.56	122	2.64	121	2.63	121	2.62	122	.6	-1.5
Mississippi	1.08	170	.95	163	1.12	170	1.06	179	5.0	-4.7
Tennessee	1.72	141	1.74	141	1.73	140	1.74	139	-.5	7
West South Central .....	.88	147	.80	149	.85	150	.79	143	7.7	5.2
Arkansas .....	.41	153	.36	158	.41	170	.39	164	2.9	3.9
Louisiana .....	.59	171	.60	168	.61	170	.61	162	-3	4.8
Oklahoma .....	.54	146	.45	138	.51	141	.48	136	6.6	3.8
Texas	1.04	143	.97	146	1.02	146	.96	137	5.9	6.5
Mountain .....	.56	115	.56	119	.56	116	.55	114	2.2	2.2
Arizona .....	.46	148	.45	142	.46	147	.46	141	-.1	4.4
Colorado .....	.38	108	.38	109	.39	109	.37	108	4.9	1.3
Montana .....	.71	68	.76	57	.73	66	.77	55	-5.3	20.5
Nevada .....	.48	148	.47	129	.47	155	.47	144	1.9	8.3
New Mexico .....	.85	126	.85	120	.88	131	.85	126	3.3	3.9
Utah .....	.43	111	.43	135	.44	114	.43	129	2.2	-11.0
Wyoming .....	.62	86	.65	100	.63	87	.60	87	4.9	7
Pacific .....	.99	166	.93	160	.95	165	.87	162	9.0	1.9
Washington .....	.99	166	.93	160	.95	165	.87	162	9.0	1.9
U.S. Total	1.29	151	1.22	150	1.29	150	1.26	148	2.4	1.3

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, June 1990

Census Division and State	June 1990		June 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England	0.95	178	1.08	164	0.91	182	1.21	166	-24.6	9.7
Connecticut	-	-	38	180	43	198	39	177	10.1	11.8
Massachusetts	95	178	93	157	94	179	92	163	2.2	10.0
New Hampshire	-	-	139	170	99	187	158	167	-37.5	12.0
Mid Atlantic	1.36	146	1.45	131	1.41	146	1.35	132	4.1	10.6
New Jersey	1.07	196	1.12	188	89	190	72	172	22.8	10.6
New York	1.34	161	1.42	144	1.40	159	1.37	145	2.7	9.3
Pennsylvania	1.39	137	1.47	124	1.43	140	1.42	123	6	14.0
East North Central	1.39	128	1.55	119	1.54	127	1.61	118	-4.9	8.0
Illinois	1.39	134	1.30	128	1.59	133	1.32	126	20.3	5.6
Indiana	1.70	118	2.25	107	1.75	120	2.09	109	-15.9	10.4
Michigan	76	146	53	148	76	154	62	153	22.9	2
Ohio	1.62	126	1.71	114	1.82	124	1.77	111	3.1	11.7
Wisconsin	68	123	64	134	63	117	74	143	-15.2	-17.8
West North Central	1.12	104	1.78	115	1.18	107	1.37	104	-13.9	3.0
Iowa	61	90	1.71	108	64	91	1.72	106	-62.5	-14.2
Kansas	2.00	130	1.85	113	2.25	125	1.34	106	67.5	17.9
Minnesota	86	123	1.09	121	79	112	73	116	9.0	-3.5
Missouri	1.73	126	2.12	130	1.53	125	1.64	113	-6.6	10.8
Nebraska	43	68	32	68	46	68	36	67	28.5	1.3
North Dakota	-	-	-	-	-	-	1.00	48	-	-
South Atlantic	1.29	142	1.23	142	1.22	144	1.18	137	3.9	5.0
Delaware	86	173	76	161	71	185	89	161	-20.2	14.6
Florida	1.83	149	2.01	148	1.79	151	1.81	144	-9	4.8
Georgia	1.29	152	1.10	153	1.33	153	1.15	151	16.1	1.3
Maryland	1.11	163	1.04	148	1.09	160	99	148	10.1	8.7
North Carolina	63	139	72	146	75	157	71	143	5.8	10.1
South Carolina	95	157	82	156	92	157	85	154	8.5	1.7
Virginia	61	125	70	153	74	159	70	150	6.4	6.6
West Virginia	1.56	114	1.60	101	1.30	114	1.39	101	-6.6	13.9
East South Central	1.50	123	1.90	107	1.56	121	1.77	107	-11.9	12.7
Alabama	1.83	126	2.45	112	1.81	125	1.78	121	1.8	3.3
Kentucky	1.25	119	1.91	100	1.44	116	1.87	101	-23.0	15.0
Mississippi	2.13	148	2.08	133	1.95	148	1.85	136	5.1	8.8
Tennessee	1.48	122	1.34	115	1.46	122	1.37	113	6.5	8.0
West South Central	.52	128	.59	126	.58	126	.87	185	-33.6	-31.9
Louisiana	-	-	-	-	-	-	87	131	-	-
Oklahoma	67	124	84	148	70	121	.52	126	35.6	-3.4
Texas	43	130	41	110	48	130	91	194	-47.5	-33.1
Mountain	.44	83	.42	90	.45	87	.41	86	11.4	1.6
Colorado	36	94	41	101	38	101	37	98	1.9	3.2
Utah	.48	100	49	108	48	104	51	102	-5.2	2.4
Wyoming	50	67	37	58	.48	66	39	64	23.2	2.3
Pacific	.53	126	.36	123	.34	128	.50	116	-31.7	9.8
Washington	.53	126	36	123	34	128	50	116	-31.7	9.6
U.S. Total	1.28	128	1.43	126	1.33	130	1.36	127	-2.3	1.9

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, June 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	346	260	611	189	421	188	1,378	207	1.12	50.5	-2.6	10.9
Arizona	846	111	-	-	-	-	846	111	.46	-28.2	7.1	7
Colorado	1,117	128	-	-	-	-	1,117	128	.37	9.9	-12.0	-2.5
Illinois	-	-	759	158	3,691	154	4,450	154	2.41	-3.5	-7	3.5
Indiana	46	152	228	127	2,266	128	2,541	128	2.29	19.7	-3	2
Iowa	-	-	-	-	8	172	8	172	4.42	-	-	-
Kansas	-	-	-	-	49	120	49	120	2.56	-58.7	-4.0	-34.6
Kentucky	1,529	166	5,628	169	3,639	128	10,794	155	1.48	4.9	5	2.5
Louisiana	-	-	217	138	-	-	217	138	.82	43.7	11.0	5
Maryland	-	-	210	155	1	122	212	154	1.28	-12.1	4.1	-2.3
Missouri	-	-	-	-	229	137	229	137	4.02	4	2.1	-6.4
Montana	1,717	181	1,405	114	-	-	3,122	153	.51	-7.1	4.9	-9.7
New Mexico	511	187	1,423	133	-	-	1,934	148	.72	-8.4	3.8	3.8
North Dakota	-	-	1,407	79	358	59	1,765	75	1.33	-9.8	.2	11.9
Ohio	1	175	138	143	2,047	155	2,185	154	2.86	-3.1	5	3.3
Oklahoma	14	159	34	150	17	104	65	139	1.52	-23.6	-4.6	-6.6
Pennsylvania	139	166	3,223	154	914	155	4,277	155	1.45	22.8	-5	2.7
Tennessee	0	123	333	150	79	137	412	147	1.14	11.9	3.5	5.7
Texas	-	-	3,619	106	959	114	4,578	108	1.55	7.7	4.9	3.4
Utah	985	115	62	145	-	-	1,047	117	.43	-13.5	-10.2	-3.6
Virginia	238	184	1,020	163	-	-	1,258	167	.88	-21.1	2.1	2.5
Washington	-	-	401	166	-	-	401	166	.99	0	3.8	6.7
West Virginia	1,944	168	3,202	162	1,753	142	6,899	159	1.29	11.3	5.6	-9
Wyoming	12,611	136	1,050	97	-	-	13,661	133	.45	5.5	-5.6	0
Imported	29	201	131	176	-	-	160	181	.60	-10.3	4.8	3.8
U.S. Total	22,073	148	25,100	149	16,432	141	63,604	146	1.29	3.8	.6	2.4

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-June 1990

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	2,209	258	3,837	184	2,237	188	8,283	205	1.10	12.7	1.7	1.7
Arizona	5,139	110	-	-	-	-	5,139	110	.48	-9.6	4.6	8
Colorado	7,677	144	140	226	-	-	7,817	145	.39	13.9	5.6	4.8
Illinois	-	-	5,254	166	22,040	154	27,294	156	2.42	-1.5	-4	3.1
Indiana	345	152	1,658	126	13,897	128	15,900	129	2.26	22.8	1.5	-6
Iowa	-	-	-	-	29	164	29	164	3.74	70.6	9.7	6.7
Kansas	-	-	-	-	377	120	377	120	2.57	68.9	-1.6	-15.7
Kentucky	9,004	169	34,370	169	22,022	125	65,396	155	1.50	10.3	7	2.7
Louisiana	-	-	1,501	136	-	-	1,501	136	.81	11.9	7.6	-5.4
Maryland	-	-	1,304	156	44	110	1,347	155	1.26	17.2	6.4	-3.3
Missouri	-	-	-	-	1,264	170	1,264	170	3.98	-19.3	31.9	-4.6
Montana	5,796	193	10,297	108	-	-	16,093	141	.60	2.0	5.4	-4.7
New Mexico	3,426	186	8,028	135	-	-	11,454	151	.74	7.0	3.7	2.5
North Dakota	-	-	10,643	74	796	60	11,439	73	1.25	-2.3	-1.3	10.6
Ohio	23	150	966	143	14,313	151	15,301	150	2.83	-7	-2.1	1.8
Oklahoma	366	146	280	143	146	112	793	138	1.29	55.8	-9	-34.6
Pennsylvania	1,097	175	17,948	154	7,227	151	26,271	154	1.46	12.1	5.1	3.1
Tennessee	77	122	1,993	155	492	136	2,562	151	1.14	12.2	8.7	10.3
Texas	-	-	15,478	106	8,211	110	23,688	108	1.55	8	2.9	1.7
Utah	7,303	114	511	155	-	-	7,814	116	.44	10.0	-10.2	0
Virginia	1,774	187	6,690	166	9	155	8,473	170	.86	-8.8	3.6	-1.5
Washington	-	-	2,414	165	-	-	2,414	165	.95	-3.7	3.7	9.3
West Virginia	11,762	169	20,095	160	12,417	142	44,274	157	1.30	1.1	4.3	1.9
Wyoming	78,771	136	5,414	101	9	136	84,194	134	.45	5.6	-3.2	-1.0
Imported	181	184	587	177	-	-	768	179	.62	55.1	5.5	6.6
U.S. Total	134,950	148	149,407	149	105,528	140	389,885	146	1.30	5.2	1.3	1.5

Notes Totals may not equal sum of components because of independent rounding MM Btu represents million Btu

Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-June 1990**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	11,049	10,769	76.2	85.2	1.26	1.32	188	188
Alabama	8,139	7,339	94.7	95.1	1.09	1.08	206	201
Illinois	369	484	-	5.2	2.08	1.99	111	109
Indiana	458	105	-	-	2.05	2.85	117	105
Kentucky	1,167	1,146	31.6	63.3	2.06	2.05	131	129
Ohio	291	1,271	96.7	100.0	1.96	1.99	118	208
Tennessee	413	388	13.6	35.2	68	61	124	123
West Virginia	4	36	-	100.0	51	60	151	124
Wyoming	216	-	-	-	44	-	170	-
Arizona	7,763	7,330	100.0	100.0	.46	.46	147	141
Arizona	3,365	3,420	100.0	100.0	44	44	101	99
Colorado	537	289	100.0	100.0	31	33	175	171
New Mexico	3,860	3,621	100.0	100.0	50	48	188	182
Arkansas	4,988	5,423	100.0	100.0	.41	.39	170	164
Wyoming	4,988	5,423	100.0	100.0	.41	.39	170	164
Colorado	7,706	7,895	88.4	88.2	.39	.37	108	107
Colorado	5,125	5,102	82.6	83.8	39	37	109	109
New Mexico	-	11	-	-	-	42	-	131
Wyoming	2,581	2,782	100.0	96.9	40	37	106	102
Connecticut	547	364	90.7	86.5	.41	.38	210	219
Kentucky	547	364	90.7	86.5	41	38	210	219
Delaware	1,118	1,007	72.8	88.5	.73	.80	183	179
Kentucky	110	24	15.1	75.0	52	61	194	177
Maryland	21	7	100.0	100.0	1.11	1.16	141	139
Pennsylvania	170	255	49.2	77.6	1.10	1.20	165	169
Virginia	159	7	40.3	100.0	64	85	195	204
West Virginia	656	714	95.3	92.5	68	66	183	182
Florida	12,501	12,080	81.0	76.5	1.42	1.42	185	178
Alabama	-	13	-	-	-	2.55	-	114
Illinois	2,037	2,093	100.0	100.0	2.40	2.35	208	196
Indiana	245	248	-	30.9	2.84	3.00	109	113
Kentucky	8,122	7,876	75.9	68.2	1.31	1.29	179	172
Tennessee	62	18	100.0	100.0	.83	.84	218	212
Virginia	445	412	100.0	100.0	58	59	250	231
West Virginia	1,070	1,171	87.2	85.0	1.02	1.00	184	182
Imported coal Colombia	479	412	100.0	100.0	65	61	177	173
Imported coal Venezuela	40	37	-	-	63	36	171	141
Georgia	13,504	12,682	77.9	78.5	1.42	1.35	173	174
Alabama	143	-	16.3	-	1.60	-	156	-
Illinois	2,649	2,781	93.2	100.0	2.51	2.18	166	186
Kentucky	7,217	7,087	74.4	66.8	1.29	1.24	168	163
Montana	-	54	-	-	-	34	-	181
Tennessee	913	471	63.9	94.8	1.06	68	188	206
Virginia	1,504	1,654	85.8	88.6	1.07	1.10	177	167
West Virginia	730	612	100.0	100.0	57	53	245	238
Wyoming	347	-	16.9	-	37	-	124	-
Imported coal Colombia	-	23	-	-	-	54	-	173
Illinois	13,325	12,362	85.3	92.2	1.94	1.84	175	181
Illinois	7,888	7,227	90.8	96.2	2.71	2.67	148	151
Indiana	1,159	984	71.9	68.3	1.57	1.26	123	129
Kentucky	1,112	823	37.0	63.9	87	61	154	163
Montana	1,409	1,408	100.0	99.3	40	38	292	282
New Mexico	66	-	-	-	.43	-	171	-
West Virginia	88	150	26.2	56.6	52	52	162	167
Wyoming	1,603	1,770	95.4	99.3	43	47	293	291
Indiana	24,707	18,788	84.0	84.7	1.92	2.17	140	139
Colorado	335	-	100.0	-	39	-	300	-
Illinois	5,026	4,578	87.6	88.4	2.40	2.42	159	161
Indiana	10,502	8,973	83.2	86.5	2.39	2.46	127	124
Kentucky	2,475	2,153	88.1	78.0	2.33	2.43	137	126
Montana	388	142	64.2	77.3	39	35	241	257
Ohio	35	6	-	-	2.13	1.95	123	129
West Virginia	242	193	68.4	35.5	55	83	206	175
Wyoming	5,704	2,742	82.0	82.1	.39	.46	129	155
Iowa	7,522	6,859	89.7	89.5	.73	.85	112	125
Illinois	535	785	86.9	66.9	2.52	2.57	162	148
Indiana	328	238	57.1	61.6	2.20	2.18	137	126
Iowa	29	17	100.0	100.0	3.74	3.51	164	149
Kentucky	5	50	-	-	2.52	2.36	131	137
Wyoming	6,625	5,769	68.8	94.4	.43	.45	104	121

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-June 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kansas	7,960	7,716	89.0	83.4	0.69	0.67	125	122
Colorado	127	-	100.0	-	31	-	117	-
Illinois	652	439	16.5	19.9	2.61	2.66	144	139
Kansas	173	191	-	39.9	2.46	3.08	121	122
Wyoming	7,008	7,086	97.8	88.5	41	42	123	121
Kentucky	18,649	15,511	68.4	58.5	2.25	2.30	119	113
Illinois	91	-	88.6	-	1.59	-	135	-
Indiana	1,323	1,190	60.1	40.8	2.40	2.11	110	105
Kentucky	14,959	12,496	72.2	63.3	2.45	2.53	118	114
Ohio	156	81	56.4	48.2	2.38	2.15	148	125
Pennsylvania	11	3	-	100.0	2.03	2.20	107	157
Tennessee	281	259	83.4	-	2.09	2.02	121	102
Virginia	60	-	100.0	-	58	-	158	-
West Virginia	1,655	1,481	39.8	42.6	63	66	129	116
Wyoming	113	-	34.5	-	35	-	124	-
Louisiana	5,067	5,673	100.0	95.6	.61	.62	170	161
Louisiana	1,501	1,341	100.0	81.5	81	85	136	126
West Virginia	137	105	100.0	100.0	52	50	205	203
Wyoming	3,429	4,227	100.0	100.0	54	56	180	168
Maryland	5,098	4,298	66.3	72.7	1.11	1.09	165	158
Kentucky	285	312	71.2	100.0	56	56	162	156
Maryland	809	696	47.7	60.2	1.22	1.24	171	166
Pennsylvania	1,215	1,220	93.5	96.3	1.48	1.50	181	168
West Virginia	2,788	2,046	59.3	59.4	97	90	156	149
Imported coal Colombia	-	23	-	-	-	40	-	161
Massachusetts	2,202	2,350	71.9	80.6	.97	.93	171	158
Kentucky	3	22	-	-	62	69	174	138
Maryland	40	-	-	-	75	-	185	-
Pennsylvania	602	360	36.7	5.6	1.09	1.02	173	164
Virginia	662	979	100.0	100.0	95	.89	172	161
West Virginia	761	989	91.9	90.4	99	93	166	154
Imported coal Colombia	64	-	-	-	61	-	179	-
Imported coal Venezuela	70	-	-	-	48	-	181	-
Michigan	12,051	11,678	81.3	88.3	.65	.60	166	178
Indiana	112	87	78.5	100.0	2.44	2.33	162	163
Kentucky	3,293	3,451	72.4	88.3	72	64	181	197
Montana	3,896	3,758	100.0	100.0	36	37	156	155
Ohio	51	36	100.0	100.0	3.02	2.68	210	211
Pennsylvania	971	727	75.6	90.7	1.11	1.03	158	175
Virginia	113	297	100.0	100.0	1.09	.89	186	175
West Virginia	2,782	3,173	75.1	76.6	67	57	171	183
Wyoming	833	149	53.3	-	30	.34	109	120
Minnesota	8,496	7,427	92.7	94.7	.56	.64	134	129
Illinois	21	34	100.0	100.0	1.27	1.39	190	195
Indiana	21	28	-	-	1.73	1.51	165	138
Kentucky	7	-	56.1	-	89	-	190	-
Montana	4,853	4,754	88.3	92.7	.75	.80	137	131
North Dakota	1	-	100.0	-	87	-	174	-
Pennsylvania	3	-	100.0	-	1.02	-	176	-
West Virginia	2	-	100.0	-	95	-	169	-
Wyoming	3,589	2,611	99.1	99.3	29	32	128	124
Mississippi	2,034	1,768	70.3	83.3	1.36	1.19	164	172
Illinois	557	509	89.9	92.9	2.03	1.99	150	147
Indiana	14	-	-	-	4.42	-	128	-
Kentucky	1,463	1,237	63.4	80.6	1.07	.87	169	182
West Virginia	-	19	-	-	-	1.01	-	145
Missouri	12,065	12,490	79.4	86.1	1.99	2.07	138	133
Colorado	65	9	100.0	100.0	.40	.31	159	139
Illinois	6,259	7,262	84.4	91.7	2.20	2.20	151	148
Indiana	80	55	100.0	49.1	2.89	1.09	122	123
Kansas	204	32	-	36.9	2.67	2.89	119	122
Kentucky	623	-	99.9	-	2.55	-	123	-
Missouri	1,264	1,566	97.8	99.0	3.98	4.17	170	129
New Mexico	18	-	-	-	.34	-	135	-
Ohio	24	-	-	-	2.10	-	171	-
Oklahoma	36	195	100.0	73.3	3.64	3.35	138	134
Wyoming	3,491	3,371	64.6	77.2	43	44	97	93
Montana	4,666	4,615	100.0	100.0	.73	.77	66	55
Montana	4,666	4,615	100.0	100.0	.73	.77	66	55

See footnotes at end of table

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-June 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Nebraska ..	4,221	3,574	75.7	89.9	0.42	0.42	77	88
Colorado ..	-	48	-	100.0	-	49	-	182
Montana ..	-	-	-	-	-	-	-	-
Wyoming ..	4,221	3,526	75.7	89.7	42	42	77	86
Nevada ..	3,508	3,535	100.0	100.0	.47	.47	155	144
Arizona ..	1,774	2,266	100.0	100.0	49	47	127	114
Utah ..	1,404	1,178	100.0	100.0	47	45	181	193
Wyoming ..	330	91	100.0	100.0	42	50	202	196
New Hampshire ..	631	459	81.5	-	1.31	1.59	179	167
Kentucky ..	17	-	-	-	68	-	201	-
Pennsylvania ..	70	71	100.0	-	1.02	96	179	173
West Virginia ..	429	388	84.6	-	1.58	1.70	177	166
Imported coal Canada ..	34	-	-	-	.97	-	181	-
Imported coal Venezuela ..	81	-	100.0	-	39	-	189	-
New Jersey ..	1,678	1,765	88.0	70.4	.81	.85	179	173
Kentucky ..	31	48	-	-	62	58	190	177
Ohio ..	14	-	-	-	1.68	-	203	-
Pennsylvania ..	26	22	-	-	.95	1.38	189	184
Virginia ..	693	689	99.9	69.5	58	61	177	172
West Virginia ..	914	1,006	85.8	75.9	98	103	180	174
New Mexico ..	7,465	7,072	100.0	100.0	.88	.85	131	126
New Mexico ..	7,465	7,072	100.0	100.0	88	85	131	126
New York ..	5,425	4,994	86.0	87.3	1.44	1.32	161	157
Kentucky ..	258	353	100.0	100.0	38	39	209	201
Maryland ..	19	-	-	-	1.29	-	168	-
Ohio ..	38	7	-	-	1.55	1.53	160	160
Pennsylvania ..	2,863	2,906	46.7	45.6	1.44	1.34	155	148
West Virginia ..	2,248	1,728	88.4	97.5	1.56	1.47	162	162
North Carolina ..	9,839	8,950	85.7	88.0	.75	.72	179	175
Kentucky ..	4,840	4,440	84.1	85.3	78	73	186	179
Tennessee ..	-	94	-	100.0	-	1.03	-	190
Virginia ..	2,137	2,193	96.7	92.9	83	79	168	169
West Virginia ..	2,862	2,223	80.1	88.0	63	62	178	173
North Dakota ..	10,500	10,737	100.0	97.1	1.22	1.10	69	69
North Dakota ..	10,500	10,737	100.0	97.1	1.22	1.10	69	69
Ohio ..	25,905	24,947	67.7	69.3	2.05	2.09	152	146
Illinois ..	24	-	-	-	2.57	-	117	-
Indiana ..	41	31	-	-	2.97	2.27	109	92
Kentucky ..	5,031	4,145	46.9	55.5	1.01	1.07	157	150
Ohio ..	12,737	12,543	71.4	74.7	2.79	2.91	154	151
Pennsylvania ..	1,615	1,559	56.0	56.0	1.72	1.70	137	133
West Virginia ..	6,458	6,668	80.1	71.2	1.51	1.50	149	138
Oklahoma ..	7,308	7,173	88.1	92.6	.54	.49	138	135
Oklahoma ..	757	314	52.3	28.6	1.17	1.13	138	142
Wyoming ..	6,549	6,859	92.2	95.5	45	44	138	134
Pennsylvania ..	23,258	21,307	75.9	77.2	1.73	1.70	151	143
Ohio ..	1,117	1,035	97.8	95.6	3.35	3.31	151	146
Pennsylvania ..	17,663	15,450	69.6	71.6	1.48	1.43	153	143
West Virginia ..	4,476	4,822	95.6	91.2	2.32	2.19	146	139
South Carolina ..	4,518	4,652	75.2	68.3	.92	.88	172	172
Kentucky ..	3,874	4,150	75.7	66.1	.92	.88	174	174
Tennessee ..	135	11	-	9	1.20	1.22	164	149
Virginia ..	500	487	92.6	88.0	.92	.95	160	157
West Virginia ..	9	4	47.4	100.0	.77	.89	179	198
South Dakota ..	938	977	100.0	100.0	1.50	1.49	118	125
North Dakota ..	938	977	100.0	100.0	1.50	1.49	118	125
Tennessee ..	10,763	9,865	78.3	81.5	1.67	1.67	136	134
Illinois ..	621	790	33.2	8.9	1.89	1.68	117	112
Indiana ..	704	-	-	-	1.75	-	123	-
Kentucky ..	8,106	7,302	87.3	91.6	1.72	1.78	140	140
Tennessee ..	757	1,043	75.2	65.6	1.14	1.11	122	115
Virginia ..	574	713	100.0	81.3	1.39	1.43	130	122
West Virginia ..	-	18	-	100.0	-	2.09	-	139
Texas ..	40,693	41,643	96.8	85.2	1.00	.95	146	146
Colorado ..	952	774	68.0	100.0	35	34	205	221
Texas ..	23,688	23,511	99.7	88.7	1.55	1.52	108	105
Utah ..	-	164	-	46.6	-	.47	-	170
Wyoming ..	16,052	17,193	94.4	80.1	44	42	183	183

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,
January-June 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Utah	7,085	6,399	87.7	94.0	0.44	0.43	113	127
Colorado	675	638	100.0	100.0	53	39	226	240
Utah	6,410	5,761	86.4	93.3	43	44	102	115
Virginia	3,699	5,138	89.5	50.8	.75	.71	158	152
Kentucky	1,275	1,556	56.7	43.8	82	78	160	152
Virginia	1,626	1,852	79.1	78.0	69	70	156	157
West Virginia	797	1,730	70.4	30.1	77	65	157	145
Washington	2,730	2,865	88.1	84.0	.87	.81	160	154
Washington	2,414	2,506	99.7	96.0	95	86	165	159
Wyoming	316	359	-	-	33	42	127	124
West Virginia	17,146	15,810	73.5	75.8	1.50	1.48	146	140
Kentucky	475	267	83.1	91.4	87	73	174	187
Maryland	458	446	53.4	49.3	1.38	1.40	124	113
Ohio	838	423	54.2	11.4	3.28	3.27	95	98
Pennsylvania	281	168	12.0	18.7	1.57	1.16	118	123
West Virginia	15,094	14,506	76.0	78.8	1.43	1.45	149	142
Wisconsin	8,650	8,775	75.7	88.1	.83	.87	137	143
Illinois	574	728	76.0	90.4	1.75	1.79	143	143
Indiana	913	1,009	98.2	93.8	1.74	1.69	189	181
Kentucky	102	203	-	37.9	.61	1.16	184	156
Montana	881	1,049	83.2	87.4	72	72	162	158
New Mexico	43	-	-	-	39	-	174	-
Pennsylvania	782	705	100.0	100.0	1.27	1.28	155	150
Virginia	-	11	-	-	-	53	-	161
West Virginia	69	3	-	-	1.26	59	165	177
Wyoming	5,286	5,065	70.0	87.4	41	40	113	128
Wyoming	10,914	10,720	83.8	90.5	.60	.58	84	85
Wyoming	10,914	10,720	83.8	90.5	60	58	84	85
U.S. Total	389,885	370,439	82.7	83.2	1.30	1.28	146	144

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-June 1990**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	8,283	7,352	93.4	94.9	1.10	1.08	205	201
Alabama	8,139	7,339	94.7	95.1	1.09	1.08	206	201
Florida	-	13	-	-	-	2.55	-	114
Georgia	143	-	16.3	-	1.60	-	156	-
Arizona	5,139	5,687	100.0	100.0	.48	.45	110	105
Arizona	3,365	3,420	100.0	100.0	.44	.44	101	99
Nevada	1,774	2,266	100.0	100.0	.49	.47	127	114
Colorado	7,817	6,661	84.7	87.8	.39	.37	145	137
Arizona	537	289	100.0	100.0	.31	.33	175	171
Colorado	5,125	5,102	82.6	83.6	.39	.37	109	109
Indiana	335	-	100.0	-	.39	-	300	-
Kansas	127	-	100.0	-	.31	-	117	-
Missouri	65	9	100.0	100.0	.40	.31	159	139
Nebraska	-	48	-	100.0	-	.49	-	182
Texas	952	774	68.0	100.0	.35	.34	205	221
Utah	675	638	100.0	100.0	.53	.39	226	240
Illinois	27,294	27,711	84.9	88.1	2.42	2.35	156	157
Alabama	359	484	-	5.2	2.08	1.99	111	109
Florida	2,037	2,093	100.0	100.0	2.40	2.35	208	198
Georgia	2,649	2,781	93.2	100.0	2.51	2.18	186	186
Illinois	7,889	7,227	90.8	96.2	2.71	2.67	148	151
Indiana	5,026	4,578	87.6	88.4	2.40	2.42	159	161
Iowa	535	785	86.9	86.9	2.52	2.57	162	148
Kansas	652	439	16.5	19.9	2.61	2.66	144	139
Kentucky	91	-	88.6	-	1.59	-	135	-
Minnesota	21	34	100.0	100.0	1.27	1.39	190	195
Mississippi	557	509	89.9	92.9	2.03	1.99	150	147
Missouri	6,259	7,262	84.4	91.7	2.20	2.20	151	148
Ohio	24	-	-	-	2.57	-	117	-
Tennessee	621	790	33.2	8.9	1.89	1.68	117	112
Wisconsin	574	728	76.0	90.4	1.75	1.79	143	143
Indiana	15,900	12,949	73.1	78.8	2.26	2.28	129	127
Alabama	458	105	-	-	2.05	2.85	117	105
Florida	245	248	-	30.9	2.84	3.00	109	113
Illinois	1,159	984	71.9	68.3	1.57	1.26	123	129
Indiana	10,502	8,973	83.2	86.5	2.39	2.46	127	124
Iowa	328	238	57.1	61.6	2.20	2.18	137	126
Kentucky	1,323	1,190	60.1	40.8	2.40	2.11	110	105
Michigan	112	87	78.5	100.0	2.44	2.33	162	163
Minnesota	21	28	-	-	1.73	1.51	165	138
Mississippi	14	-	-	-	4.42	-	128	-
Missouri	80	55	100.0	49.1	2.89	1.09	122	123
Ohio	41	31	-	-	2.97	2.27	109	92
Tennessee	704	-	-	-	1.75	-	123	-
Wisconsin	913	1,009	98.2	93.8	1.74	1.69	169	181
Iowa	29	17	100.0	100.0	3.74	3.51	164	149
Iowa	29	17	100.0	100.0	3.74	3.51	164	149
Kansas	377	223	-	39.5	2.57	3.05	120	122
Kansas	173	181	-	39.9	2.46	3.08	121	122
Missouri	204	32	-	36.9	2.67	2.89	119	122
Kentucky	65,396	59,306	73.0	71.4	1.50	1.46	155	154
Alabama	1,167	1,146	31.6	63.3	2.06	2.05	131	129
Connecticut	547	364	90.7	86.5	.41	.38	210	219
Delaware	110	24	15.1	75.0	.52	.61	194	177
Florida	8,122	7,676	75.9	68.2	1.31	1.29	179	172
Georgia	7,217	7,087	74.4	66.8	1.29	1.24	168	163
Illinois	1,112	823	37.0	63.9	.87	.61	154	163
Indiana	2,475	2,153	88.1	79.0	2.33	2.43	137	126
Iowa	5	50	-	-	2.52	2.36	131	137
Kentucky	14,959	12,496	72.2	63.3	2.45	2.53	118	114
Maryland	285	312	71.2	100.0	.58	.56	182	156
Massachusetts	3	22	-	-	.62	.69	174	138
Michigan	3,293	3,451	72.4	88.3	.72	.64	181	197
Minnesota	7	-	56.1	-	.88	-	190	-
Mississippi	1,463	1,237	83.4	80.6	1.07	.87	169	182
Missouri	623	-	99.9	-	2.55	-	123	-
New Hampshire	17	-	-	-	.68	-	201	-
New Jersey	31	48	-	-	.62	.58	190	177
New York	258	353	100.0	100.0	.38	.39	209	201

See footnotes at end of table

Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-June 1990 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
North Carolina	4,840	4,440	84.1	85.3	0.78	0.73	188	179
Ohio	5,031	4,145	46.9	55.5	1.01	1.07	157	150
South Carolina	3,874	4,150	75.7	68.1	.92	.88	174	174
Tennessee	8,106	7,302	87.3	91.6	1.72	1.78	140	140
Virginia	1,275	1,556	56.7	43.8	.82	.78	160	152
West Virginia	475	267	83.1	91.4	.87	.73	174	187
Wisconsin	102	203	-	37.9	.61	1.18	184	158
Louisiana	1,501	1,341	100.0	81.5	.81	.85	136	126
Louisiana	1,501	1,341	100.0	81.5	.81	.85	136	126
Maryland	1,347	1,149	48.4	56.2	1.28	1.30	155	148
Delaware	21	7	100.0	100.0	1.11	1.18	141	139
Maryland	809	696	47.7	60.2	1.22	1.24	171	166
Massachusetts	40	-	-	-	.75	-	185	-
New York	19	-	-	-	1.29	-	168	-
West Virginia	458	446	53.4	49.3	1.38	1.40	124	113
Missouri	1,264	1,566	97.8	99.0	3.98	4.17	170	129
Missouri	1,264	1,566	97.8	99.0	3.98	4.17	170	129
Montana	16,093	15,781	84.7	96.3	.60	.63	141	133
Georgia	-	54	-	-	-	.34	-	181
Illinois	1,409	1,408	100.0	99.3	.40	.38	292	282
Indiana	388	142	84.2	77.3	.39	.35	241	257
Michigan	3,898	3,758	100.0	100.0	.38	.37	156	155
Minnesota	4,853	4,754	88.3	92.7	.75	.80	137	131
Montana	4,668	4,615	100.0	100.0	.73	.77	86	55
Nebraska	-	-	-	-	-	-	-	-
Wisconsin	881	1,049	83.2	87.4	.72	.72	162	168
New Mexico	11,454	10,703	98.9	99.9	.74	.72	151	146
Arizona	3,860	3,621	100.0	100.0	.50	.48	188	182
Colorado	-	11	-	-	-	.42	-	131
Illinois	68	-	-	-	.43	-	171	-
Missouri	18	-	-	-	.34	-	135	-
New Mexico	7,465	7,072	100.0	100.0	.88	.85	131	126
Wisconsin	43	-	-	-	.38	-	174	-
North Dakota	11,439	11,714	100.0	97.3	1.25	1.13	73	74
Minnesota	1	-	100.0	-	.87	-	174	-
North Dakota	10,500	10,737	100.0	97.1	1.22	1.10	89	69
South Dakota	938	977	100.0	100.0	1.50	1.49	118	125
Ohio	15,301	15,403	72.3	76.3	2.83	2.78	150	153
Alabama	291	1,271	96.7	100.0	1.96	1.99	118	208
Indiana	35	6	-	-	2.13	1.95	123	129
Kentucky	156	81	56.4	48.2	2.38	2.15	148	125
Michigan	51	38	100.0	100.0	3.02	2.68	210	211
Missouri	24	-	-	-	2.10	-	171	-
New Jersey	14	-	-	-	1.86	-	203	-
New York	38	7	-	-	1.55	1.53	160	160
Ohio	12,737	12,543	71.4	74.7	2.79	2.81	154	151
Pennsylvania	1,117	1,035	87.8	95.6	3.35	3.31	151	148
West Virginia	838	423	54.2	11.4	3.28	3.27	95	98
Oklahoma	793	509	54.4	45.7	1.29	1.97	138	139
Missouri	38	195	100.0	73.3	3.64	3.35	138	134
Oklahoma	757	314	52.3	28.6	1.17	1.13	138	142
Pennsylvania	26,271	23,445	67.0	68.5	1.46	1.41	154	148
Delaware	170	255	49.2	77.6	1.10	1.20	165	169
Kentucky	11	3	-	100.0	2.03	2.20	107	157
Maryland	1,215	1,220	93.5	96.3	1.48	1.50	181	188
Massachusetts	602	350	36.7	5.8	1.09	1.02	173	164
Michigan	971	727	75.6	90.7	1.11	1.03	158	175
Minnesota	3	-	100.0	-	1.02	-	176	-
New Hampshire	70	71	100.0	-	1.02	.96	179	173
New Jersey	26	22	-	-	.96	1.38	189	184
New York	2,863	2,908	46.7	45.6	1.44	1.34	155	148
Ohio	1,615	1,559	58.0	58.0	1.72	1.70	137	133
Pennsylvania	17,663	15,450	69.6	71.6	1.48	1.43	153	143
West Virginia	281	168	12.0	18.7	1.57	1.16	118	123
Wisconsin	782	705	100.0	100.0	1.27	1.29	155	150
Tennessee	2,562	2,284	58.8	60.4	1.14	1.03	151	139
Alabama	413	388	13.6	35.2	.88	.81	124	123
Florida	82	18	100.0	100.0	.83	.84	219	212

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-June 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Tennessee								
Georgia	913	471	63.9	94.8	1.08	0.68	188	206
Kentucky	281	259	83.4	-	2.09	2.02	121	102
North Carolina	-	94	-	100.0	-	1.03	-	190
South Carolina	135	11	-	9	1.20	1.22	164	149
Tennessee	757	1,043	75.2	65.6	1.14	1.11	122	115
Texas	23,688	23,511	99.7	88.7	1.55	1.52	108	105
Texas	23,688	23,511	99.7	88.7	1.55	1.52	108	105
Utah	7,814	7,103	88.8	93.3	.44	.44	116	129
Nevada	1,404	1,178	100.0	100.0	.47	.45	181	193
Texas	-	164	-	48.6	-	.47	-	170
Utah	6,410	5,761	86.4	93.3	.43	.44	102	115
Virginia	8,473	9,294	91.1	83.5	.86	.88	170	164
Delaware	159	7	40.3	100.0	.64	.85	195	204
Florida	445	412	100.0	100.0	.58	.58	250	231
Georgia	1,504	1,654	85.8	68.6	1.07	1.10	177	167
Kentucky	60	-	100.0	-	.58	-	158	-
Massachusetts	662	979	100.0	100.0	.95	.89	172	161
Michigan	113	297	100.0	100.0	1.09	.89	186	175
New Jersey	693	689	99.9	69.5	.58	.61	177	172
North Carolina	2,137	2,193	96.7	92.9	.83	.79	168	169
South Carolina	500	487	92.6	88.0	.92	.95	160	157
Tennessee	574	713	100.0	81.3	1.39	1.43	130	122
Virginia	1,626	1,852	79.1	76.0	.69	.70	156	157
Wisconsin	-	11	-	-	-	.53	-	161
Washington	2,414	2,506	99.7	96.0	.95	.86	165	159
Washington	2,414	2,506	99.7	96.0	.95	.86	165	159
West Virginia	44,274	43,787	78.2	76.0	1.30	1.28	157	151
Alabama	4	36	-	100.0	.51	.60	151	124
Delaware	656	714	95.3	92.5	.68	.66	183	182
Florida	1,070	1,171	87.2	85.0	1.02	1.00	184	182
Georgia	730	612	100.0	100.0	.57	.53	245	238
Illinois	88	150	26.2	58.6	.52	.52	162	167
Indiana	242	193	68.4	35.5	.55	.83	206	175
Kentucky	1,655	1,481	39.8	42.6	.63	.68	129	116
Louisiana	137	105	100.0	100.0	.52	.50	205	203
Maryland	2,788	2,046	59.3	59.4	.97	.90	156	149
Massachusetts	761	989	91.9	90.4	.99	.93	166	154
Michigan	2,782	3,173	75.1	76.6	.67	.57	171	183
Minnesota	2	-	100.0	-	.95	-	169	-
Mississippi	-	19	-	-	-	1.01	-	145
New Hampshire	429	388	84.6	-	1.58	1.70	177	166
New Jersey	914	1,006	85.8	75.9	.98	1.03	180	174
New York	2,248	1,728	88.4	87.5	1.56	1.47	162	162
North Carolina	2,862	2,223	80.1	88.0	.63	.62	178	173
Ohio	6,458	6,668	80.1	71.2	1.51	1.50	149	138
Pennsylvania	4,476	4,822	95.6	91.2	2.32	2.19	146	139
South Carolina	9	4	47.4	100.0	.77	.89	179	198
Tennessee	-	18	-	100.0	-	2.09	-	139
Virginia	797	1,730	70.4	30.1	.77	.65	157	145
West Virginia	15,084	14,506	76.0	78.8	1.43	1.45	149	142
Wisconsin	69	3	-	-	1.26	.59	165	177
Wyoming	84,194	79,742	86.1	89.0	.45	.45	134	138
Alabama	216	-	-	-	.44	-	170	-
Arkansas	4,988	5,423	100.0	100.0	.41	.39	170	164
Colorado	2,581	2,782	100.0	96.9	.40	.37	106	102
Georgia	347	-	18.9	-	.37	-	124	-
Illinois	1,603	1,770	95.4	99.3	.43	.47	293	291
Indiana	5,704	2,742	82.0	82.1	.39	.46	129	155
Iowa	6,625	5,769	68.8	94.4	.43	.45	104	121
Kansas	7,008	7,086	97.8	88.5	.41	.42	123	121
Kentucky	113	-	34.5	-	.35	-	124	-
Louisiana	3,429	4,227	100.0	100.0	.54	.56	180	168
Michigan	833	149	53.3	-	.30	.34	109	120
Minnesota	3,589	2,611	99.1	99.3	.29	.32	128	124
Missouri	3,491	3,371	64.6	77.2	.43	.44	97	93
Nebraska	4,221	3,526	75.7	89.7	.42	.42	77	86
Nevada	330	91	100.0	100.0	.42	.50	202	198
Oklahoma	6,549	6,859	92.2	95.5	.45	.44	138	134

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-June 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
North Carolina	4,840	4,440	84.1	85.3	0.78	0.73	186	179
Ohio	5,031	4,145	46.9	55.5	1.01	1.07	157	150
South Carolina	3,874	4,150	75.7	68.1	.92	.88	174	174
Tennessee	8,106	7,302	87.3	91.6	1.72	1.78	140	140
Virginia	1,275	1,556	56.7	43.8	.82	.78	160	152
West Virginia	475	287	83.1	91.4	.87	.73	174	187
Wisconsin	102	203	-	37.9	.61	1.16	184	156
Louisiana	1,501	1,341	100.0	81.5	.81	.85	136	128
Louisiana	1,501	1,341	100.0	81.5	.81	.85	136	128
Maryland	1,347	1,149	48.4	56.2	1.26	1.30	155	146
Delaware	21	7	100.0	100.0	1.11	1.16	141	139
Maryland	809	696	47.7	60.2	1.22	1.24	171	166
Massachusetts	40	-	-	-	.75	-	185	-
New York	19	-	-	-	1.29	-	168	-
West Virginia	458	446	53.4	49.3	1.38	1.40	124	113
Missouri	1,264	1,566	97.8	98.0	3.98	4.17	170	129
Missouri	1,264	1,566	97.8	98.0	3.98	4.17	170	129
Montana	16,093	15,781	94.7	96.3	.60	.63	141	133
Georgia	-	54	-	-	-	.34	-	181
Illinois	1,409	1,408	100.0	99.3	.40	.38	292	282
Indiana	388	142	64.2	77.3	.39	.35	241	257
Michigan	3,896	3,758	100.0	100.0	.36	.37	156	155
Minnesota	4,853	4,754	88.3	92.7	.75	.80	137	131
Montana	4,666	4,615	100.0	100.0	.73	.77	66	55
Nebraska	-	-	-	-	-	-	-	-
Wisconsin	881	1,049	83.2	87.4	.72	.72	162	158
New Mexico	11,454	10,703	98.9	99.9	.74	.72	151	146
Arizona	3,860	3,621	100.0	100.0	.50	.48	188	182
Colorado	-	11	-	-	-	.42	-	131
Illinois	68	-	-	-	.43	-	171	-
Missouri	18	-	-	-	.34	-	135	-
New Mexico	7,465	7,072	100.0	100.0	.88	.85	131	126
Wisconsin	43	-	-	-	.39	-	174	-
North Dakota	11,439	11,714	100.0	97.3	1.25	1.13	73	74
Minnesota	1	-	100.0	-	.87	-	174	-
North Dakota	10,500	10,737	100.0	97.1	1.22	1.10	69	69
South Dakota	938	977	100.0	100.0	1.50	1.49	118	125
Ohio	15,301	15,403	72.3	76.3	2.83	2.78	150	153
Alabama	291	1,271	96.7	100.0	1.98	1.99	118	208
Indiana	35	6	-	-	2.13	1.85	123	129
Kentucky	158	81	56.4	48.2	2.38	2.15	148	125
Michigan	51	36	100.0	100.0	3.02	2.68	210	211
Missouri	24	-	-	-	2.10	-	171	-
New Jersey	14	-	-	-	1.68	-	203	-
New York	38	7	-	-	1.55	1.53	180	160
Ohio	12,737	12,543	71.4	74.7	2.79	2.81	154	151
Pennsylvania	1,117	1,035	97.8	95.6	3.35	3.31	151	146
West Virginia	838	423	54.2	11.4	3.28	3.27	95	98
Oklahoma	793	509	54.4	45.7	1.29	1.97	138	139
Missouri	36	195	100.0	73.3	3.64	3.35	138	134
Oklahoma	757	314	52.3	28.6	1.17	1.13	138	142
Pennsylvania	26,271	23,445	87.0	88.5	1.48	1.41	154	146
Delaware	170	255	49.2	77.6	1.10	1.20	165	169
Kentucky	11	3	-	100.0	2.03	2.20	107	157
Maryland	1,215	1,220	93.5	98.3	1.48	1.50	181	168
Massachusetts	602	360	36.7	5.6	1.09	1.02	173	164
Michigan	971	727	75.6	90.7	1.11	1.03	158	175
Minnesota	3	-	100.0	-	1.02	-	176	-
New Hampshire	70	71	100.0	-	1.02	.96	179	173
New Jersey	28	22	-	-	.95	1.38	189	184
New York	2,863	2,908	46.7	45.8	1.44	1.34	155	148
Ohio	1,815	1,558	58.0	58.0	1.72	1.70	137	133
Pennsylvania	17,663	15,450	89.6	71.6	1.48	1.43	153	143
West Virginia	281	168	12.0	18.7	1.57	1.16	118	123
Wisconsin	782	705	100.0	100.0	1.27	1.29	155	150
Tennessee	2,562	2,284	58.8	60.4	1.14	1.03	151	139
Alabama	413	388	13.8	35.2	.68	.61	124	123
Florida	62	18	100.0	100.0	.83	.84	219	212

See footnotes at end of table

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-June 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Tennessee								
Georgia	913	471	63.9	94.8	1.06	0.68	188	206
Kentucky	281	259	83.4	-	2.09	2.02	121	102
North Carolina	-	94	-	100.0	-	1.03	-	190
South Carolina	135	11	-	9	1.20	1.22	164	149
Tennessee	757	1,043	75.2	65.6	1.14	1.11	122	115
Texas	23,688	23,511	99.7	88.7	1.55	1.52	108	105
Texas	23,688	23,511	99.7	88.7	1.55	1.52	108	105
Utah	7,814	7,103	88.8	93.3	.44	.44	116	129
Nevada	1,404	1,178	100.0	100.0	.47	.45	181	193
Texas	-	164	-	46.6	-	.47	-	170
Utah	6,410	5,761	86.4	93.3	.43	.44	102	115
Virginia	8,473	9,294	91.1	83.5	.86	.88	170	164
Delaware	159	7	40.3	100.0	.64	.85	195	204
Florida	445	412	100.0	100.0	.58	.58	250	231
Georgia	1,504	1,654	85.8	68.6	1.07	1.10	177	167
Kentucky	60	-	100.0	-	.58	-	158	-
Massachusetts	662	979	100.0	100.0	.95	.89	172	161
Michigan	113	297	100.0	100.0	1.09	.89	186	175
New Jersey	693	689	99.9	69.5	.58	.61	177	172
North Carolina	2,137	2,193	96.7	92.9	.83	.79	168	169
South Carolina	500	487	92.6	88.0	.92	.95	160	157
Tennessee	574	713	100.0	81.3	1.39	1.43	130	122
Virginia	1,626	1,852	79.1	76.0	.69	.70	156	157
Wisconsin	-	11	-	-	-	.53	-	181
Washington	2,414	2,506	99.7	96.0	.95	.86	165	159
Washington	2,414	2,506	99.7	96.0	.95	.86	165	159
West Virginia	44,274	43,787	78.2	78.0	1.30	1.28	157	151
Alabama	4	36	-	100.0	.51	.60	151	124
Delaware	656	714	95.3	92.5	.68	.66	183	182
Florida	1,070	1,171	87.2	85.0	1.02	1.00	184	182
Georgia	730	812	100.0	100.0	.57	.53	245	238
Illinois	88	150	26.2	58.6	.52	.52	162	167
Indiana	242	193	68.4	35.5	.55	.83	206	175
Kentucky	1,655	1,481	39.8	42.6	.63	.66	129	116
Louisiana	137	105	100.0	100.0	.52	.50	205	203
Maryland	2,788	2,046	59.3	59.4	.87	.90	156	149
Massachusetts	781	989	91.9	90.4	.99	.93	166	154
Michigan	2,782	3,173	75.1	76.8	.67	.57	171	183
Minnesota	2	-	100.0	-	.95	-	169	-
Mississippi	-	18	-	-	-	1.01	-	145
New Hampshire	429	388	84.6	-	1.58	1.70	177	166
New Jersey	814	1,006	85.8	75.9	.98	1.03	180	174
New York	2,248	1,728	88.4	97.5	1.56	1.47	162	162
North Carolina	2,862	2,223	80.1	88.0	.63	.62	178	173
Ohio	6,458	6,668	80.1	71.2	1.51	1.50	149	138
Pennsylvania	4,476	4,822	95.6	91.2	2.32	2.19	146	139
South Carolina	9	4	47.4	100.0	.77	.89	179	198
Tennessee	-	18	-	100.0	-	2.09	-	139
Virginia	797	1,730	70.4	30.1	.77	.65	157	145
West Virginia	15,094	14,506	76.0	78.8	1.43	1.45	149	142
Wisconsin	69	3	-	-	1.26	.59	165	177
Wyoming	84,194	79,742	86.1	89.0	.45	.45	134	138
Alabama	216	-	-	-	.44	-	170	-
Arkansas	4,888	5,423	100.0	100.0	.41	.39	170	164
Colorado	2,581	2,782	100.0	96.9	.40	.37	106	102
Georgia	347	-	18.9	-	.37	-	124	-
Illinois	1,603	1,770	85.4	99.3	.43	.47	293	291
Indiana	5,704	2,742	82.0	82.1	.39	.46	129	155
Iowa	8,825	5,769	68.8	94.4	.43	.45	104	121
Kansas	7,008	7,086	87.8	88.5	.41	.42	123	121
Kentucky	113	-	34.5	-	.35	-	124	-
Louisiana	3,429	4,227	100.0	100.0	.54	.58	180	168
Michigan	833	149	53.3	-	.30	.34	109	120
Minnesota	3,589	2,811	99.1	99.3	.29	.32	128	124
Missouri	3,491	3,371	84.6	77.2	.43	.44	97	93
Nebraska	4,221	3,528	75.7	89.7	.42	.42	77	86
Nevada	330	91	100.0	100.0	.42	.50	202	198
Oklahoma	6,549	6,859	92.2	95.5	.45	.44	138	134

See footnotes at end of table

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,
January-June 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Wyoming								
Texas	16,052	17,193	94.4	80.1	0.44	0.42	183	183
Washington	316	359	-	-	33	42	127	124
Wisconsin	5,286	5,065	70.0	87.4	41	40	113	128
Wyoming	10,914	10,720	83.8	90.5	60	58	84	85
Imported Coal	768	495	73.0	83.2	.62	.58	179	170
Canada	34	-	-	-	.97	-	181	-
New Hampshire	34	-	-	-	.97	-	181	-
Colombia	543	458	88.2	89.9	.65	.60	178	172
Florida	479	412	100.0	100.0	65	61	177	173
Georgia	-	23	-	-	-	.54	-	173
Maryland	-	23	-	-	-	.40	-	161
Massachusetts	64	-	-	-	61	-	179	-
Venezuela	191	37	42.5	-	.47	.36	183	141
Florida	40	37	-	-	63	36	171	141
Massachusetts	70	-	-	-	48	-	181	-
New Hampshire	81	-	100.0	-	39	-	189	-
U.S. Total	389,885	370,439	82.7	83.2	1.30	1.28	146	144

* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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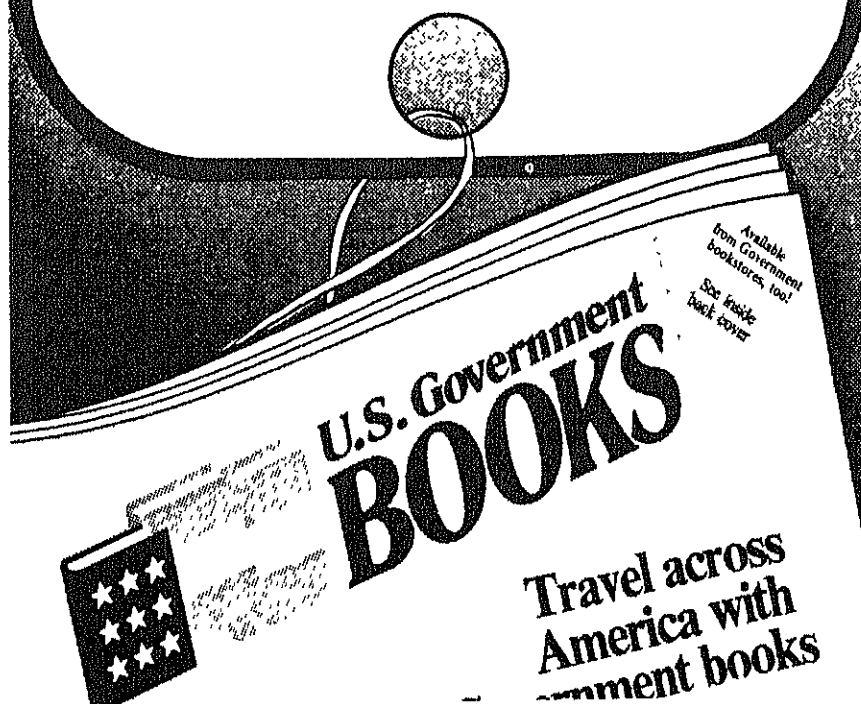
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